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EXPRESS MAIL LABEL NO. EV 423742191 US

PATENT Docket No.: 15436.441.1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		) .
	Yue Liu	)
Serial No.:	10/607,982	) Art Unit
Filed:	June 30, 2003	) 2874
Confirmation No.	6986	)
For:	COMPACT PACKAGE DESIGN FOR VERTICAL CAVITY SURFACE EMITTING LASER	) ) )
Examiner:	Unassigned	)

# TRANSMITTAL FOR REVOCATION AND SUBSTITUTE POWER OF ATTORNEY, AND CHANGE OF ATTORNEY DOCKET NUMBER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Revocation and Substitute Power of Attorney, and a Change of Attorney Docket Number for entry in the above-identified application.

<sup>\*</sup> Admitted only in California

<sup>†</sup> Admitted only in New York



Dated this day of April, 2004.

Respectfully submitted,

R. BURNS ISRAELSEN

Attorney for Applicant Registration No. 42,685

Customer No. 022913

RBI:kk KKK0000002926V001

# CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label No.: EV 423742191 US

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day of 2004:

- Transmittal Letter (2 pgs.)
- Revocation and Substitute Power of Attorney with Exhibits A & B 10 pgs.

Unassigned

- Change of Attorney Docket Number (2 pgs.)
- Postcard

Examiner:

Respectfully submitted,

Kimberly Kendrick, Paralegal to R. Burns Israelsen

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KKK0000002927V001

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# **CHANGE OF ATTORNEY DOCKET NUMBER**

**Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 15436.441.1.

All correspondence and telephonic communications should be directed to:

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DATED this	day of	, 2004.
		Respectfully submitted

R. BURNS ISRAELSEN Attorney for Applicant Registration No. 43,685 Customer No. 022913

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# EXHIBIT A Frame DIPON EXHIBIT A Frame DIPON EXHIBIT A EXHIBIT A EXHIBIT A EXHIBIT A EXHIBIT A EXHIBIT A Frame DIPON EXHIBIT A Frame DIPON EXHIBIT A Frame DIPON EXHIBIT A E

# Exhibit B

# Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney

WN File.#	eiil	Application#	Application Filing Date	Patenti# GrantiDate	ø
15436.432.4	Flexible Optic Connector Assembly	08/77/5330	31-Dec-96		
15436.432.4.4	Flexible Optic Connector Assembly	10/136817	30-Apr-02		
15436.432.6.1	Fiber Optic Header With Integrated Power Monitor	09/481627	12-Jan-00		
15436.432.7.1	Multiple Pack Active Device Receptacle	08/795029	14-Feb-97		
15436.432.7.2	Fiber Optic S-Bend Connector	08/814458	10-Mar-97		
15436.433.3.3	1	10/350840	24-Jan-03		
15436.433.4.1	Coupled Cavity Anti-Guided Vertical Cavity Surface Emitting	10/147136	13-May-02		
15436.433.6.1	Metamorphic Long Wavelength High Speed Photodiode	10/413186	14-Apr-03		
15436.434.1.1	Integration of Top-Emitting and Top-Illuminates Optoelectron	10/284863	31-Oct-02		
15436.434.1.2	Integration of Top-Emitting and Top-Illuminates Optoelectron	09/547538	12-Apr-00		
15436.434.2.1	Method and Apparatus For Hermetically Sealing Photonic Device	10/444796	22-May-03		
15436.434.3.1	Mechanical Stabilization of Lattice Mismatched Quantum Wells	10/634558	4-Aug-03		l
15436.434.5	Hermetic Chip-Scale Package For Photonic Devices	09/342801	29-Jun-99		
15436.434.6	System and Method for Vcsel Polarization Control	09/577034	23-May-00		
15436.434.7	Protective Side Wall Passive for Vcsel Chips	09/652555	31-Aug-00		
15436.434.7.1	Protective Side Wall Passive for Vcsel Chips	10/427337	1-May-03		
15436.435.1	Versatile Method and System for Single Mode Vcsels	09/724820	28-Nov-00	-	
15436.435.1.1	Versatile Method and System for Single Mode Vcsels	10/617290	10-Jul-03		
15436.435.1.2	Versatile Method and System for Single Mode Vcsels	10/617892	11-Jul-03		
15436.435.2	Resonant Reflector For Use With Optoelectric Devices	09/751422	29-Dec-00		
15436.435.3	Spatially Modulated Reflector For an Optoelectric Device	09/751423	29-Dec-00		
15436.435.4	Apparatus and Method Providing a Balancing Load to a Laser Differential Drive Circuit	09/803821	12-Mar-01		
15436.435.5	Method and Apparatus For Producing Vosels with Dielectric Mirrors and Self-Aligned Gain Guide	09/881167	14-Jun-01		
15436.435.6	Methods and Systems for Wafer Level Burn-In of Electronic De	60/311916	13-Aug-01		
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Exhibit B Patents Applications Subject to Revocation and Substitute Power of Attorney

15436.435.7	Laser Light Sources Having Integrated Detector and Intensity Control and Methods of Producing Same	09/970073	20-Oct-01	
15436.436.1	Method and System for Releasing a Pluggable Module	10/006103	6-Dec-01	
15436.436.2	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026016	20-Dec-01	
15436.436.3	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026019	20-Dec-01	
15436.436.4	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026055	20-Dec-01	
15436.436.5	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026020	27-Dec-01	
15436.436.6	Indium Free Vertical Cavity Surface Emitting Laser	10/026044	27-Dec-01	
15436.436.7	Submount For Vertical Cavity Surface Emitting Laser and Detectors	10/028288	28-Dec-01	
15436.436.8	Current Confinement, Capaitance Reduction and Isolation of VCSELs Using Deep Elemental Traps	10/028303	28-Dec-01	
15436.437.1	Asymmetric Distribute Bragg Reflector for Vertical Cavity Surface Emitting Lasers	10/028435	28-Dec-02	
15436.437.2	Gain Guide Implant in Oxide Vertical Cavity Surface Emitting Laser	10/028436	28-Dec-02	
15436.437.3	Vertical Cavity Surface Emitting Laser Having a Gain Guide Aperture Interior to an Oxide Confinement Layer	10/028437	28-Dec-01	
15436.437.4	Wavelength Division Multiplexed Vertical Cavity Surface Emitting Laser	10/028438	28-Dec-01	
15436.437.5	Integral Vertical Cavity Surface Emitting Laser and Power Monitor	10/028439	28-Dec-01	
15436.437.6	Tunable Laser Assembly	10/037010	31-Dec-01	
15436.437.7	Optoelectric Devices and Methods of Production	10/037013	31-Dec-01	
15436.437.7.1	Optoelectric Devices and Methods of Production	10/669220	24-Sep-03	
15436.437.8	Long-Wavelength VCSEL Bottom Mirror	10/078422	21-Feb-02	
15436.438.1	Carbon Doped GaASSb Suitable for Use in Tunnel Junctions of Long-Wavelength VCSELs	10/078473	21-Feb-02	
15436.438.2	GaAs/Al (Ga)AS Distributed Bragg Reflector on InP	10/078474	21-Feb-02	
15436.438.3	Resonant Reflector for Increased Wavelength and Polarization Control	10/121490	12-Apr-02	
15436.438.4	Methods and Systems for Removing an Oxide-Induced Dead Zone in a Semiconductor Device Structure	10/156324	24-May-02	
15436.438.5	Wavelength Selective Detector	10/162928	4-Jun-02	

Exhibit B Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney

15436.438.6	Optical Transceiver	10/163057	4-Jun-02
15436.438.7	Method and Apparatus For Monitoring the Power of a Multi-Wavelength Optical Signal	10/163440	4-Jun-02
	Atomic Hydrogen as a Surfactant in Production of Highly Strained InGaAs, InGaAsN, InGaAsNSb, and/or		
	GaASNSB Quantum Wells	- 1	14-Aug-02
	Single Mode VCSEL	- 1	3-Sep-02
_	Hybrid Mirror VCSELS	10/233112	3-Sep-02
15436.439.2	Nitrogen Sources for Molecular Beam Epitaxy	10/233625	4-Sep-02
15436.439.3	Oxide Confined VCSEL With a Thin Oxide and Enhanced Conduction	10/283381	28-Oct-02
15436.439.4	Long-Wavelength Vertical Cavity Surface Emitting Lasers	10/283298	30-Oct-02
15436.439.5	Selectively-Etchable Heterogeneous Composite Distributed Bragg	10/283311	30-Oct-02
15436.439.6	Method and Apparatus for Monitoring the Power Level of Two	l .	30-Oct-02
15436.439.7	High Speed Optical Transceiver Package Using Heterogeneous	10/292578	11-Nov-02
15436.439.8	Long Wavelength VCSEL With Tunnel Junction and Implant	10/301380	21-Nov-02
15436.439.9	Bidirectional Optical Device	10/308308	3-Dec-02
15436.440.1	Optical Transceiver (CIP of 15436.438.6.1)	10/316355	11-Dec-02
15436.440.10	Pluggable Optical Optic System Having a Lens Fiber Stop	10/456123	6-Jun-03
15436.440.11	INP Base Long Wavelength VCSEL	10/606104	25-Jun-03
15436.440.12	A Dielectric VCSEL Gain Guide	10/607629	27-Jun-03
15436.440.13	VCSEL Having Thermal Management	10/607758	27-Jun-03
15436.440.14	Enhanced Lateral Oxidation	10/607887	27-Jun-03
15436.440.2	Angled Wafer Rotating Ion Implantation	10/323889	20-Dec-02
15436.440.3	Material System for Bragg Reflector in Long Wavelength VCSEL	10/323923	20-Dec-02
15436.440.4	Zero-Clearance Receptacle Design For Single Mode Optical Fib	10/347789	22-Jan-03
15436.440.5	Wafer Integration of Micro-Optics	10/351710	27-Jan-03
15436.440.6	System and Methods Using Migration Enhanced Epitaxy For Flat	10/352293	27-Jan-04
15436.440.7	Connectorized Optical Component Misaligned Detection System	10/430941	7-May-03
15436.440.8	VCSEL Mode-Transforming Phase Filter With Enhanced Performance	10/436069	13-May-03

Exhibit B Patents Applications Subject to Revocation and Substitute Power of Attorney

15436.440.9	Integrated Sleeve Pluggable Package	10/453307	3-Jun-03		
15436.441.1	Compact Package Design for Vertical Cavity Surface Emitting Laser	10/607982	30-Jun-03		
15436.441.10	Tunnel Junction Utilizing GAPSB, ALGAPSB	10/697028	31-Oct-03		
15436.441.11	Modulation Doped Tunnel Junction	10/706906	14-Nov-03		
15436.441.2	High Speed Optical System	10/610256	30-Jun-03		
15436.441.3	A Lens Optical Coupler	10/612660	2-Jul-03		
15436.441.4	Pseudomorphic Layer in Tunnel Junction VCSEL	10/611992	30-Jul-03		
15436.441.5	An Optical Coupling System	10/620489	16-Jul-03		
15436.441.6	Coupler Having Reduction of Reflections to Light Source	10/620512	16-Jul-03		
15436.441.7	Optical Coupling System	10/622042	17-Jan-03		
15436.441.8	Edge Bead Control Method and Apparatus	10/623351	18-Jul-03		
15436.441.9	Long Wavelength VCSEL Device Processing	10/697660	29-Oct-03		
15436.431.1	Optical Connector Configured to Facilitate Active Alignment of a Photoelectric Device With an Optic Fiber	07/916785	17-Jul-92	5231686	27-Jul-93
15436.431.2	Emitting With Structures Located at Positions Which Prevent Certain Disadvantageous Modes and Enhance Generation of Light in Advantageous Modes	07/909270	6-Jul-92	5264715	23-Nov-93
15436.431.3	Inhibited Laser Power Monitor	08/175016	29-Dec-93	5475701	
15436.431.4	Multi-Gigahertz Frequency-Modulated Vertical-Cavity Surface Emitting Laser	08/476965	7-Jun-95	5574738	12-Nov-96
15436.431.5	Light Source Monitor With Compensated Tracking Ratio	08/739471	28-Oct-96	5737348	7-Apr-98
15436.431.6	Self Limiting Intrinsically Eye-Safe Laser Utilizing an Increasing Absorption Layer	08/683277	18-Jul-96	5745515	28-Apr-98
15436.431.7	Current Confinement For a Vertical Cavity Surface Emitting L	08/671995	28-Jun-96	5767674	9-Jun-98
15436.431.8	Filamented Multi-Wavelength Vertical Cavity Surface Emitting Laser	08/734403	16-Oct-96	5774487	30-Jun-98
15436.431.9	Semiconductor Device With a Laser and a Photodetector in a Common Container	08/687701	26-Jul-96	5799030	25-Aug-98
15436.431.10	Apparatus For Determining the Effect of Modal Noise on a Communicating System by Flexing an Optical Fiber	08/743367	4-Nov-96	5805318	8-Sep-98
15436.431.11	Lens For a Semi-Conductor Device With a Laser and Photodetector	08/686895	26-Jul-96	5812518	22-Sep-98

Exhibit B Patents Applications Subject to Revocation and Substitute Power of Attorney

Apparatus For Determining the Effect of Modal Noise on a Communication System by Affecting an Optical Fiber Discontinuity Fabrication of Vertical Cevity Surface Emitting Laser With Current Confinement	08/743369	4-Nov-96	5841915	24-Nov-98
Sevity Surface Emitting Laser With	08/743369	4-Nov-96	5841915	24-Nov-98
Sevity Surface Emitting Laser With				
	08/843116	28-Apr-97	5893722	13-Apr-99
Laser With Selectively Changed Current Confining Layer	08/812620	6-Mar-97	5903588	11-May-99
aser With an Improved Mode Control	08/674230	28-Jun-96	5940422	17-Aug-99
Monolithic Vertical Cavity Surface Emitting Laser And Resonant Cavity Photodetector Transceiver	08/736803	25-Oct-96	5978401	2-Nov-99
Resonant Reflector For Improved Optoelectronic Device Performance and Enhanced Applicability	08/872534	11-Jun-97	6055262	25-Apr-00
Bandgap Isolated Light Emitter	08/989734	12-Dec-97	6064683	16-May-00
Vertical Cavity Surface Emitting Laser Having Intensity Control	09/001894	31-Dec-97	6069905	30-May-00
Flexible Optic Connector Assembly	09/134229	14-Aug-98	6069991	30-May-00
Flexible Optic Connector Assembly	09/135412	14-Aug-98	6088498	11-Jul-00
Flexible Optic Connector Assembly	09/268191	15-Mar-99	6404960	11-Jun-02
Method For Controlling the Operation of a Laser	08/813751	7-Mar-97	6078601	20-Jun-00
h Integrated Power Monitor	09/119089	20-Jul-98	6081638	27-Jun-00
)e	08/664039	13-Jun-96	6086263	11-Jul-00
ment	09/052643	31-Mar-98	6095697	1-Aug-00
gu	08/395690	22-Dec-97	6194789	27-Feb-01
Fiber Optic Header For an Edge Emitting Laser	09/119273	20-Jul-98	6205274	20-Mar-01
Vcsel Structure Insensitive to Mobile Hydrogen	08/989731	12-Dec-97	6256333	3-Jul-01
Vcsel Structure Insensitive to Mobile Hydrogen	09/819029	30-vov-00	6459719	1-Oct-02
Vcsel Structure Insensitive to Mobile Hydrogen	09/819024	30-Nov-00	6522680	18-Feb-03
Coupled Cavity Anti-Guided Vertical Cavity Surface- Emitting Laser	09/387424	31-Aug-99	6411638	25-Jun-02
Method and System For Versatile Optical Sensor Package	09/607048	30-Jun-00	6465774	15-Oct-02
Metamorphic Long Wavelength High Speed Photodiode	09/766797	22-Jan-01	6558973	6-May-03
ing and Top-Illuminates Circuit Device	09/724249	28-Nov-00	6586776	1-Jul-03
For Hermetically Sealing Photonic	09/224210	30-Dec-98	6588949	8-Jul-03
n of Lattice Mismatched Quantum	09/217223	21-Dec-98	6603784	5-Aug-03
cal Element and Method of	09/975299	10-Oct-01	6606199	12-Aug-03
Method For Controlling the C Fiber Optic Header With Inte Active Device Receptacle Chip-To-Interface Alignment Flexible Hermetic Sealing Fiber Optic Header For an Ei Vosel Structure Insensitive to Vosel Structure Insensitive to Coupled Cavity Anti-Guided Emitting Laser Method and System For Vers Integration of Top-Emitting a Optoelectron Integrated Circ Method and Apparatus For H Devices Mechanical Stabilization of L Wells Graded Thickness Optical Ei Manufacture Therefor	Method For Controlling the Operation of a Laser Fiber Optic Header With Integrated Power Monitor Active Device Receptacle Chip-To-Interface Alignment Flexible Hermetic Sealing Fiber Optic Header For an Edge Emitting Laser Vosel Structure Insensitive to Mobile Hydrogen Method and System For Versatile Optical Sensor Package Method and System For Versatile Optical Sensor Package Integration of Top-Emitting and Top-Illuminates Optoelectron Integrated Circuit Device Method and Apparatus For Hermetically Sealing Photonic Devices Method and Apparatus For Hermetically Sealing Photonic Devices Mechanical Stabilization of Lattice Mismatched Quantum Wells Graded Thickness Optical Element and Method of	itor face- or Package otodiode Otodiode Quantum	08/813751 09/19089 08/664039 09/052643 08/995690 09/119273 08/989731 09/819029 09/819024 09/607048 09/724249 09/724249	09/19089 7-Jul-98 09/19089 20-Jul-98 09/052643 13-Jun-96 09/052643 31-Mar-98 09/052643 31-Mar-98 09/995690 22-Dec-97 20-Jul-98 09/819029 30-Nov-00 09/819024 31-Aug-99 09/607048 30-Jun-00 09/24249 28-Nov-00 09/224210 30-Dec-98 09/27223 21-Dec-98 09/975299 10-Oct-01

**PATENT** 

Docket No.: 15436.441.1

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DATED this 6 day of April, 2004.

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